

ABANDONED URANIUM MINES AND THE NAVAJO NATION  
Navajo Nation AUM Screening Assessment Report

NORTHERN AUM REGION COMBINED PATHWAYS - MAP INDEX




Sources

Abandoned uranium mine areas are primarily from the Navajo Abandoned Mine Lands Reclamation Program (NAMLRP) and augmented by several other sources. The Navajo Nation and Chapter boundaries are from the Navajo Land Department. Hydrographic data for streams are from the U.S. Geological Survey (USGS) National Hydrographic Dataset. Buffers were generated by TerraSpectra Geomatics. Map index figure outlines are approximate.

Map Index Area Designations

- Figure
- |                          |                           |
|--------------------------|---------------------------|
| 22 - North Central Aneth | 28 - Southwest Sweetwater |
| 23 - Northwest Red Mesa  | 29 - West Carrizo         |
| 24 - North Teec Nos Pos  | 30 - East Carrizo         |
| 25 - South Red Mesa      | 31 - Shiprock             |
| 26 - Tse Tah             | 32 - Lukachukai           |
| 27 - Northeast Carrizo   | 33 - Chuska               |

Legend

-  Northern AUM Region
-  Abandoned Uranium Mine
- Mine Buffers
-  1/4 Mile
-  1 Mile
-  4 Miles
-  15 Miles
-  Highways

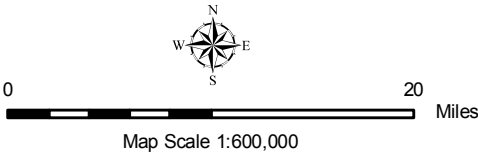
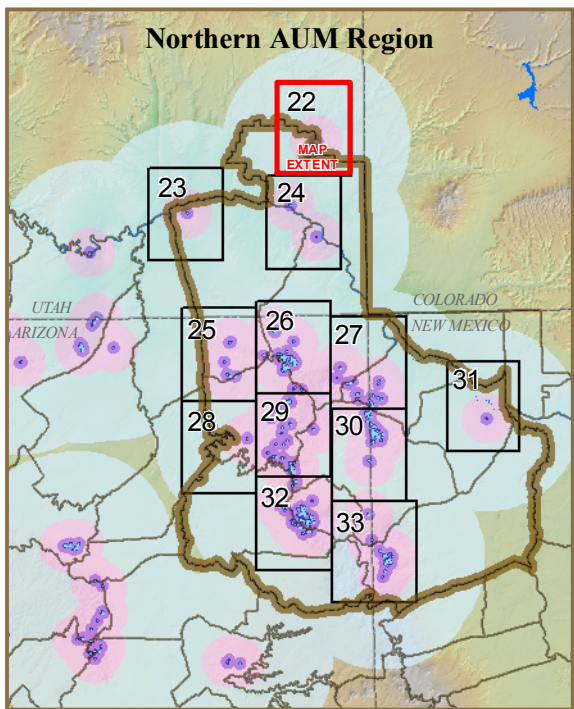
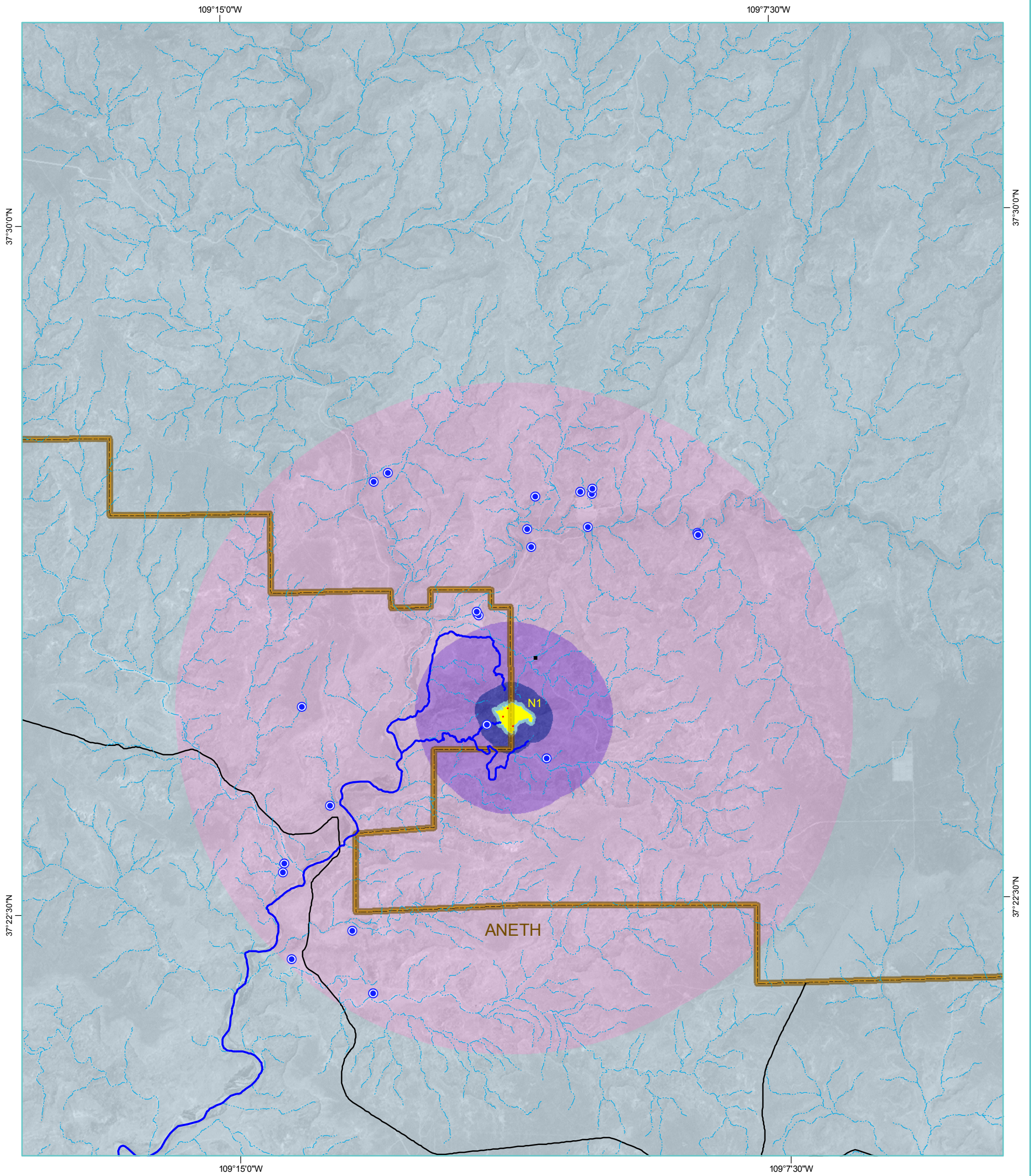


Figure 21. Northern AUM Region Combined Pathways Map Figure Index.





ABANDONED URANIUM MINES AND THE NAVAJO NATION  
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# COMBINED PATHWAYS - NORTH CENTRAL ANETH

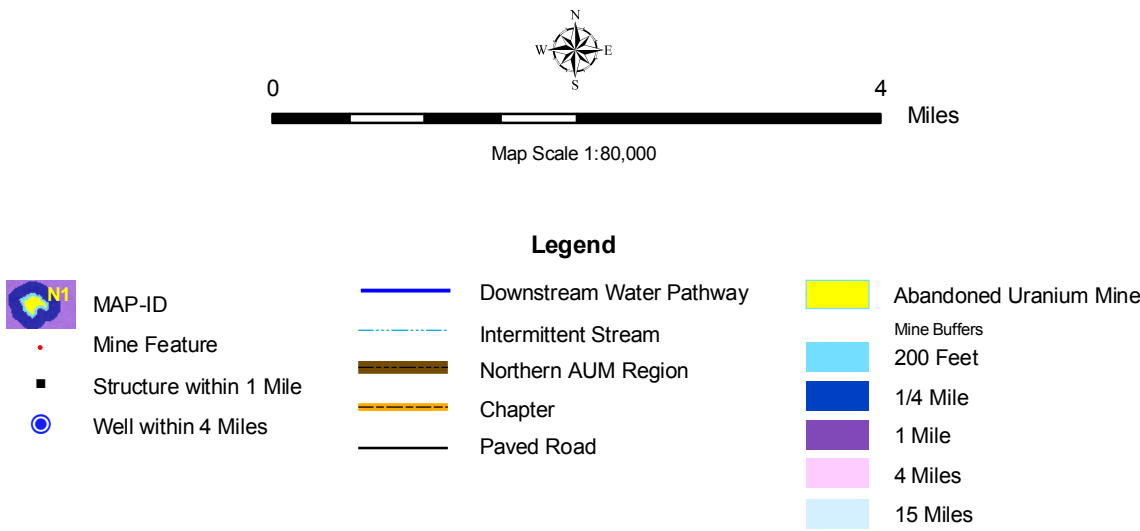
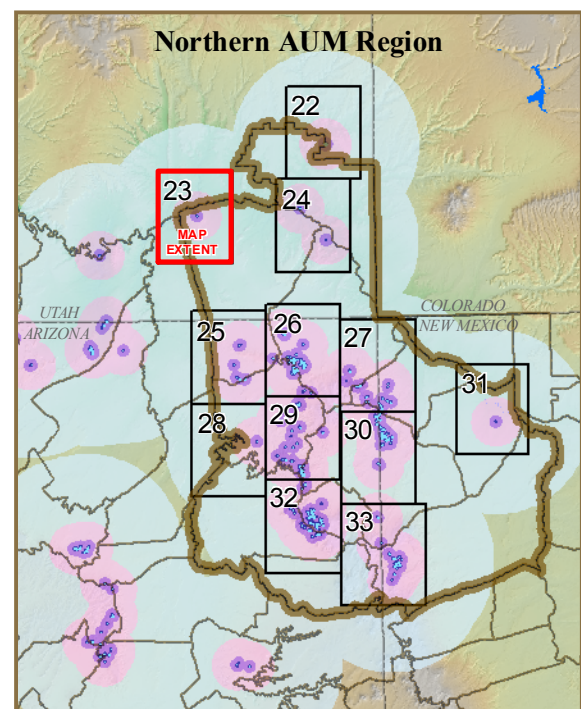
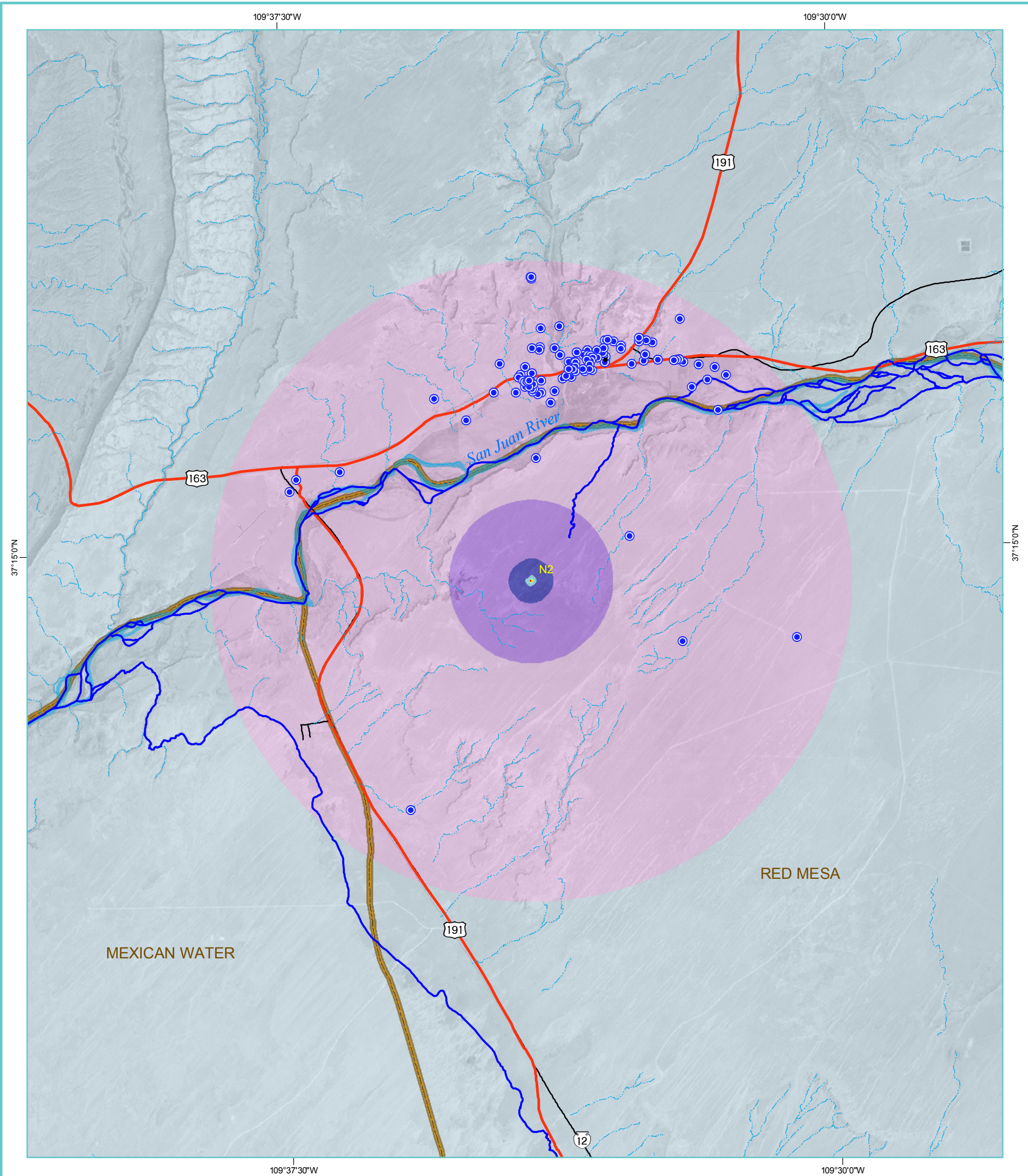


Figure 22. Combined Pathways in the North Central Aneth Area.





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## COMBINED PATHWAYS - NORTHWEST RED MESA

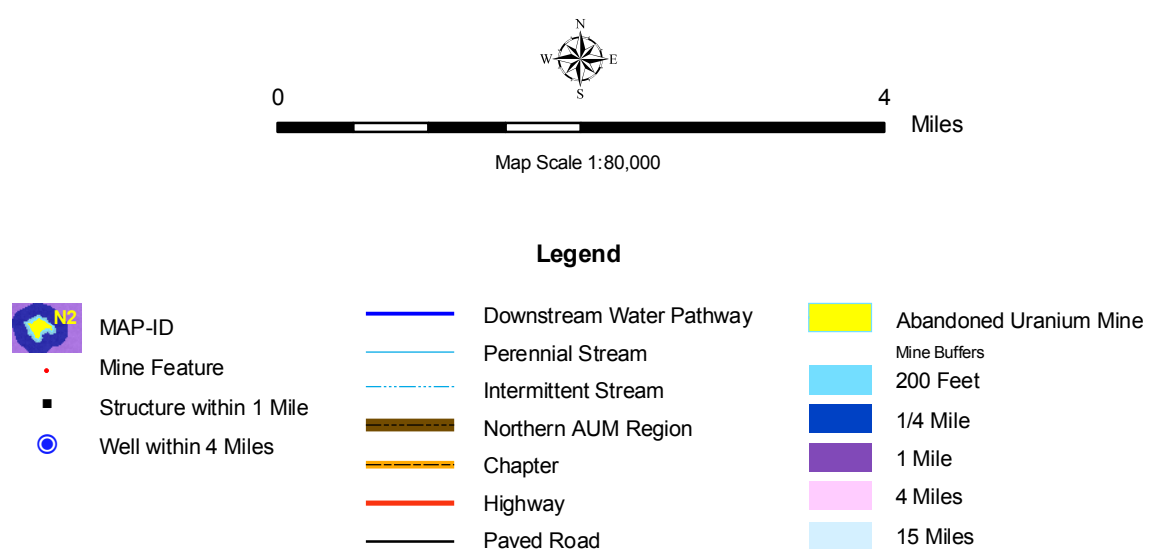


Figure 23. Combined Pathways in the Northwest Red Mesa Area.



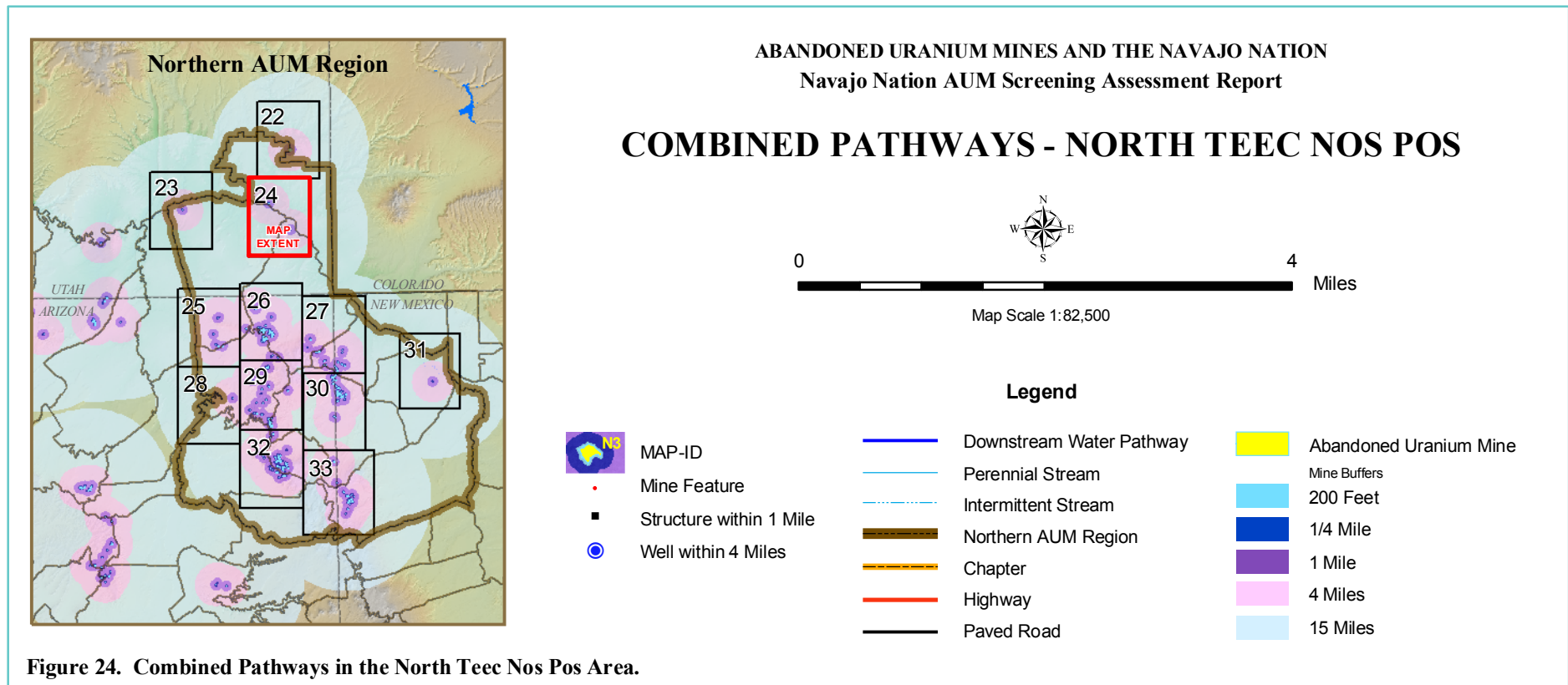
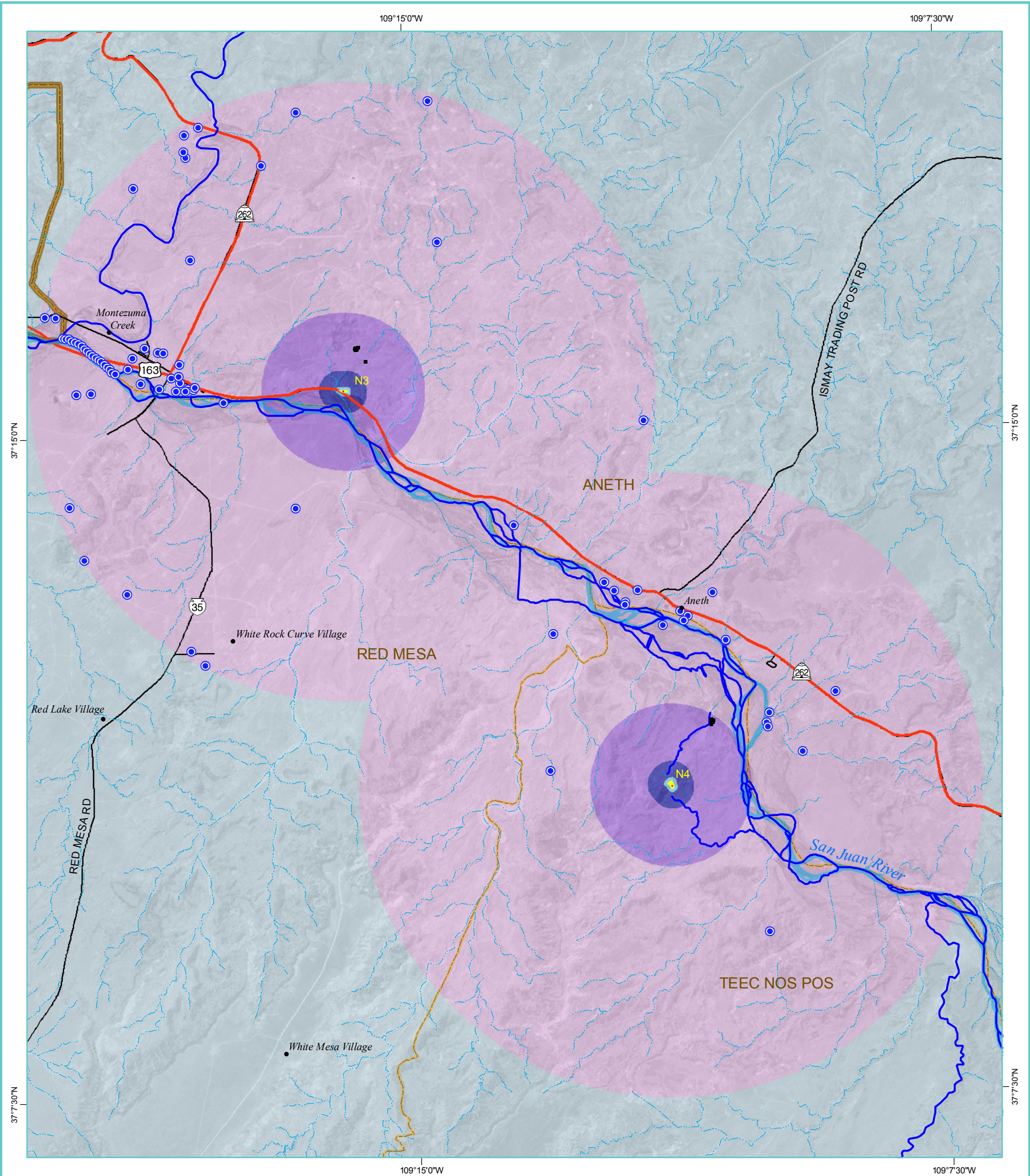
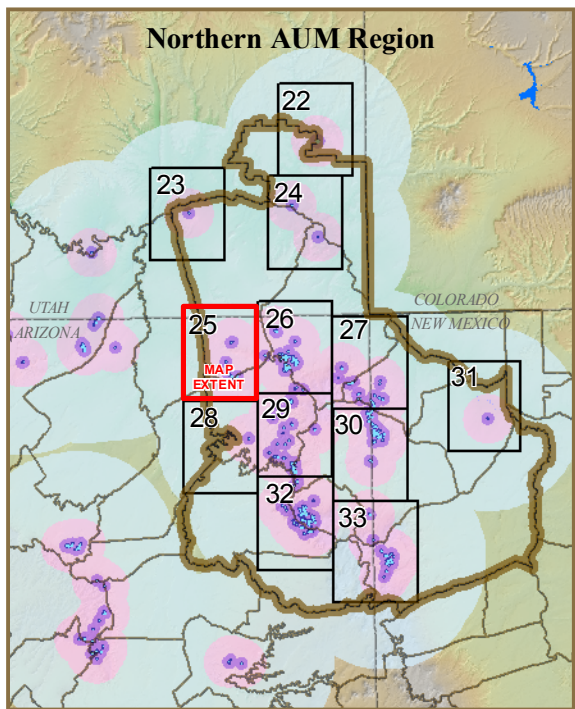
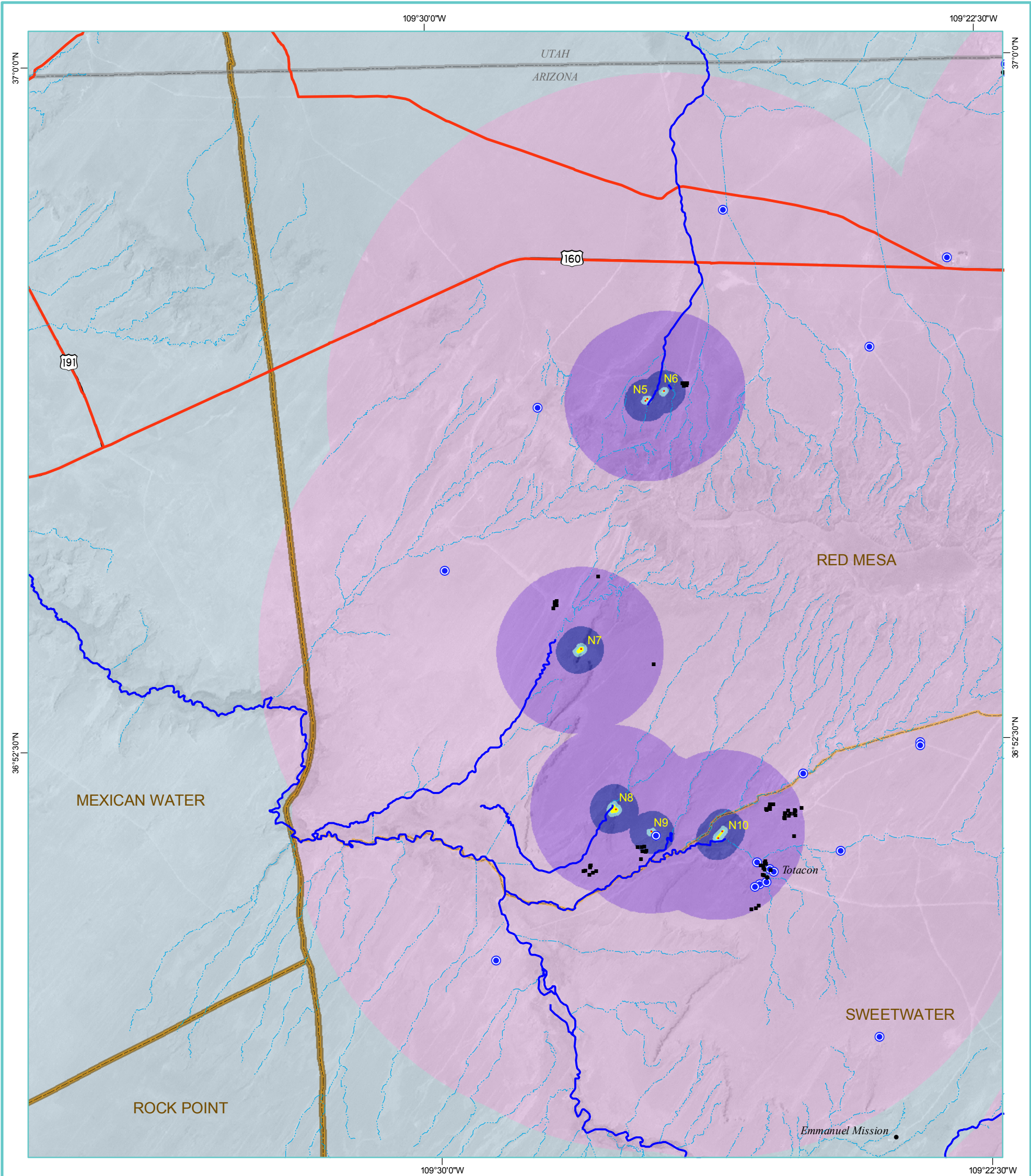


Figure 24. Combined Pathways in the North Teec Nos Pos Area.





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## COMBINED PATHWAYS - SOUTH RED MESA

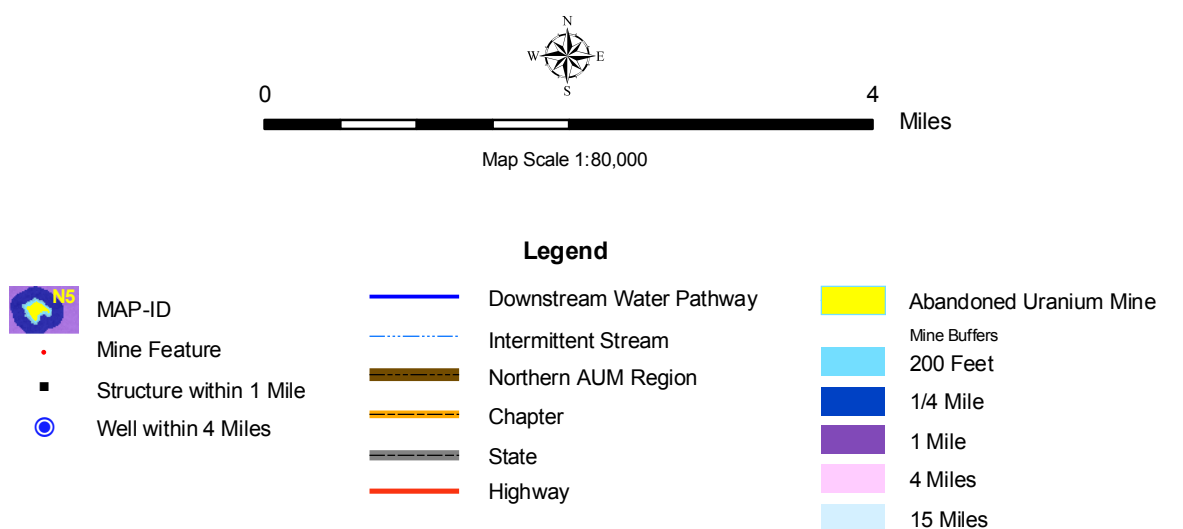
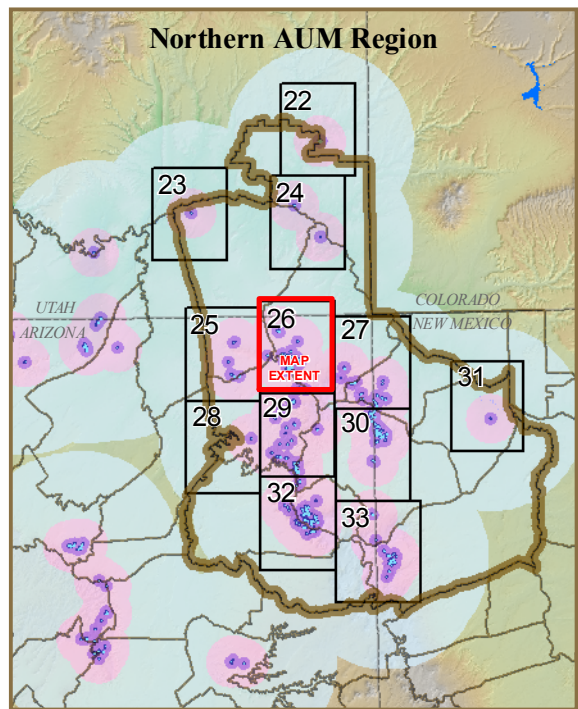
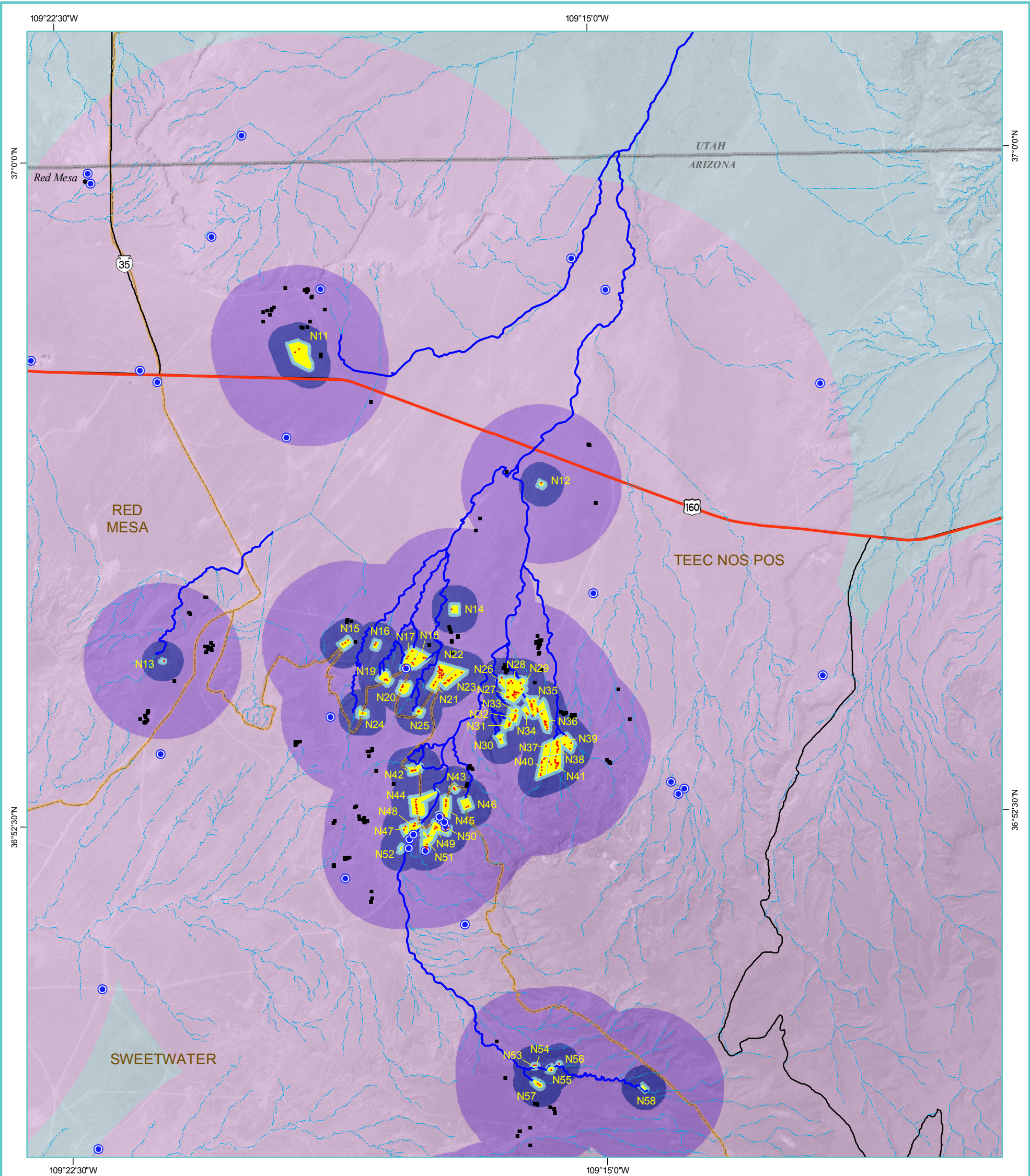


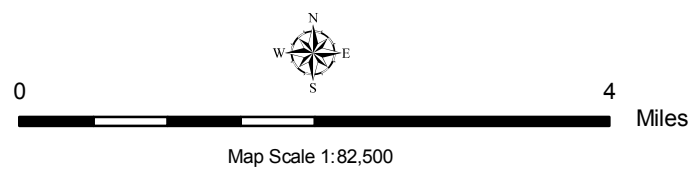
Figure 25. Combined Pathways in the South Red Mesa Area.





# ABANDONED URANIUM MINES AND THE NAVAJO NATION Navajo Nation AUM Screening Assessment Report

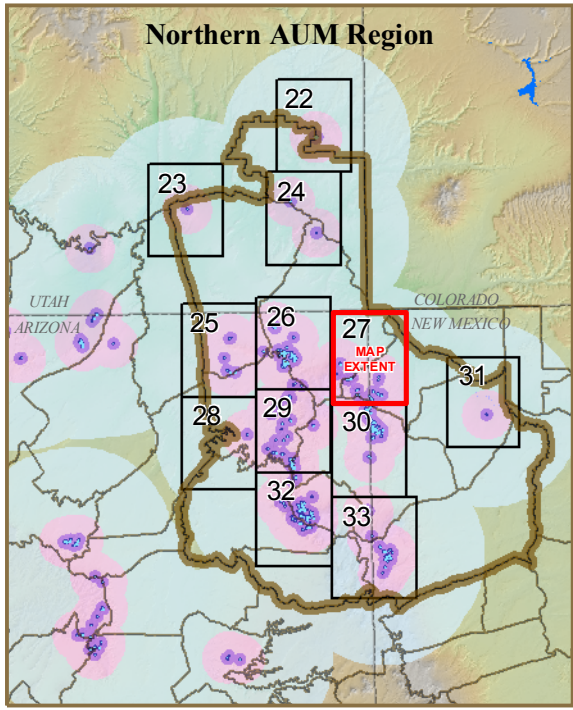
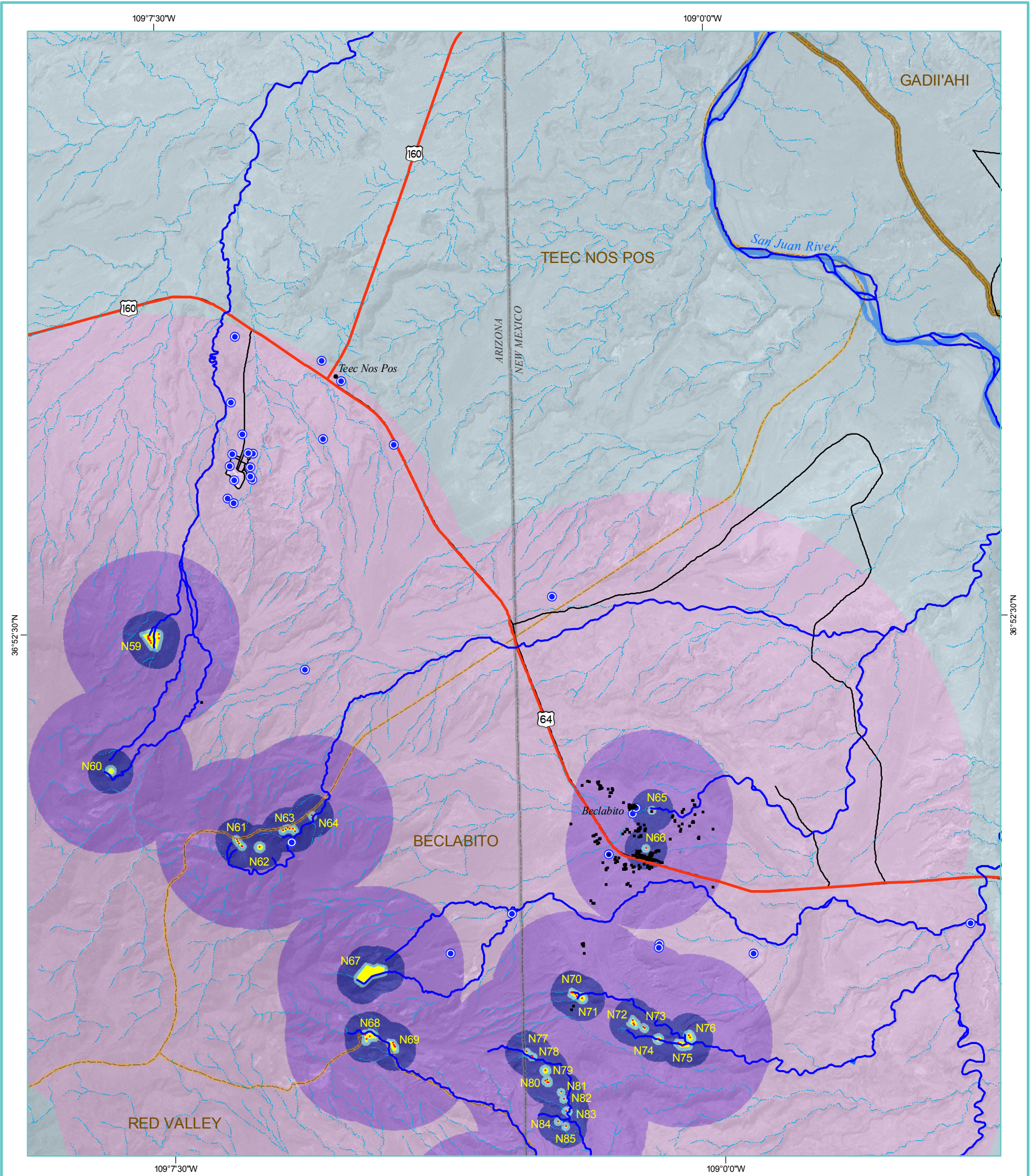
## COMBINED PATHWAYS - TSE TAH



- Legend**
- MAP-ID
  - Mine Feature
  - Structure within 1 Mile
  - Well within 4 Miles
  - Downstream Water Pathway
  - Intermittent Stream
  - Northern AUM Region
  - Chapter
  - State
  - Highway
  - Paved Road
  - Abandoned Uranium Mine
  - Mine Buffers
  - 200 Feet
  - 1/4 Mile
  - 1 Mile
  - 4 Miles
  - 15 Miles

Figure 26. Combined Pathways in the Tse Tah Area.





ABANDONED URANIUM MINES AND THE NAVAJO NATION  
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# COMBINED PATHWAYS - NORTHEAST CARRIZO

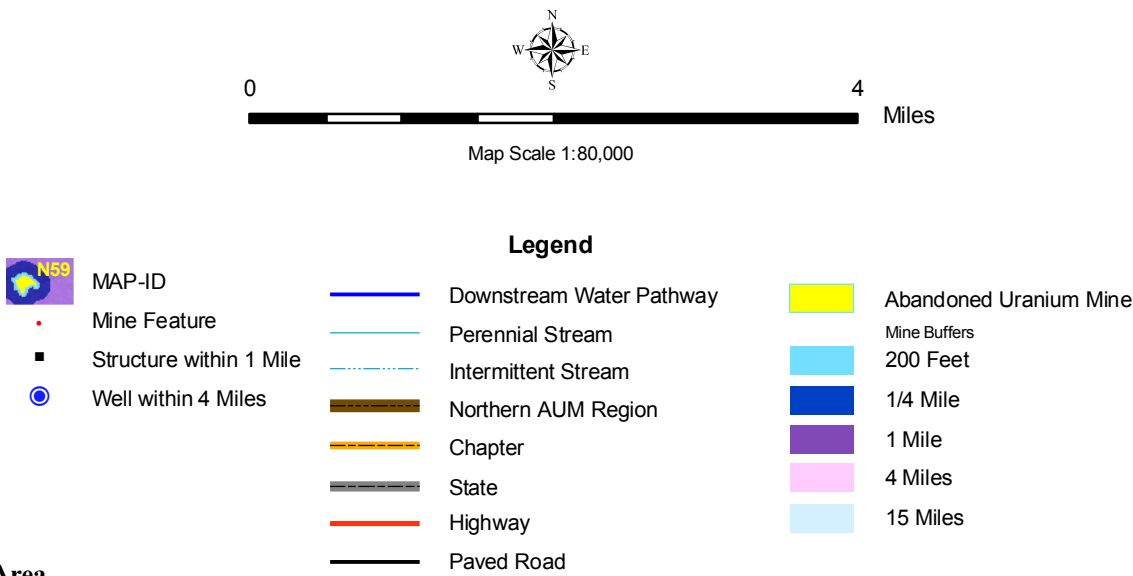
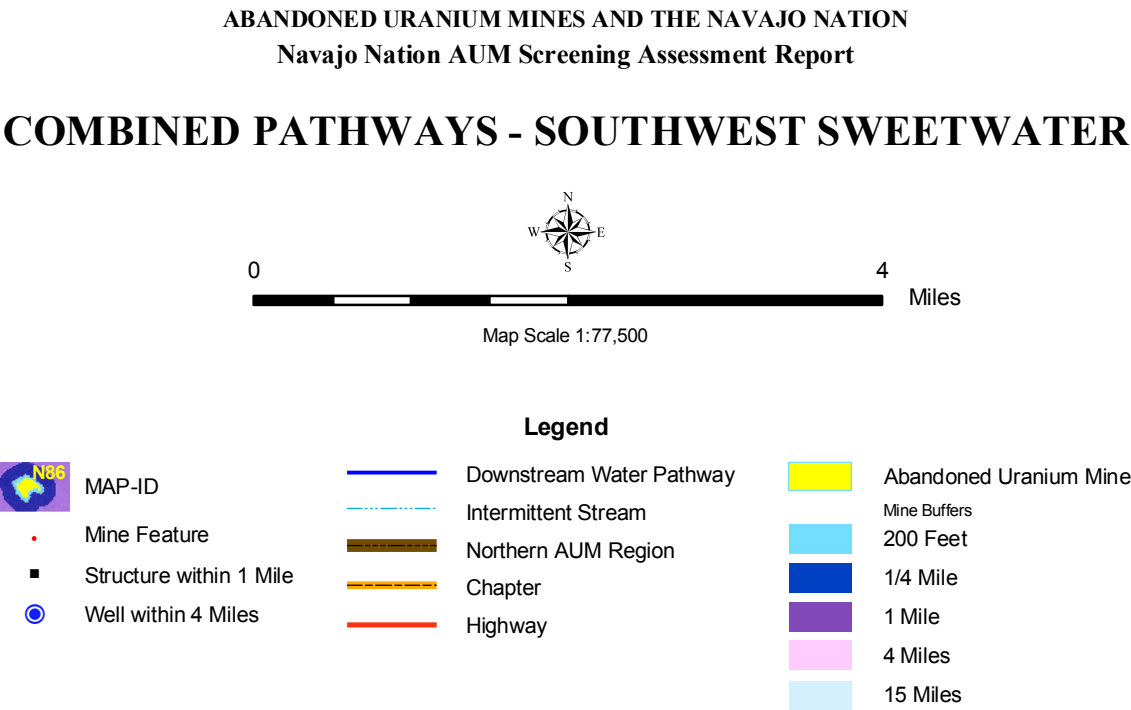
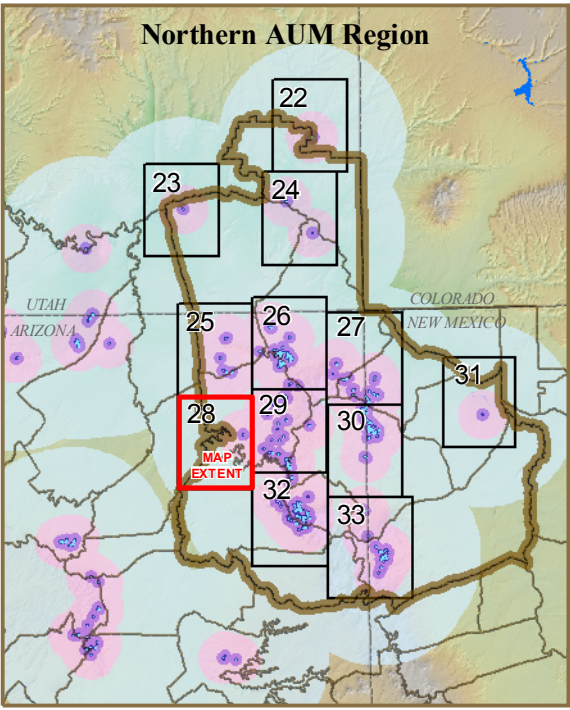
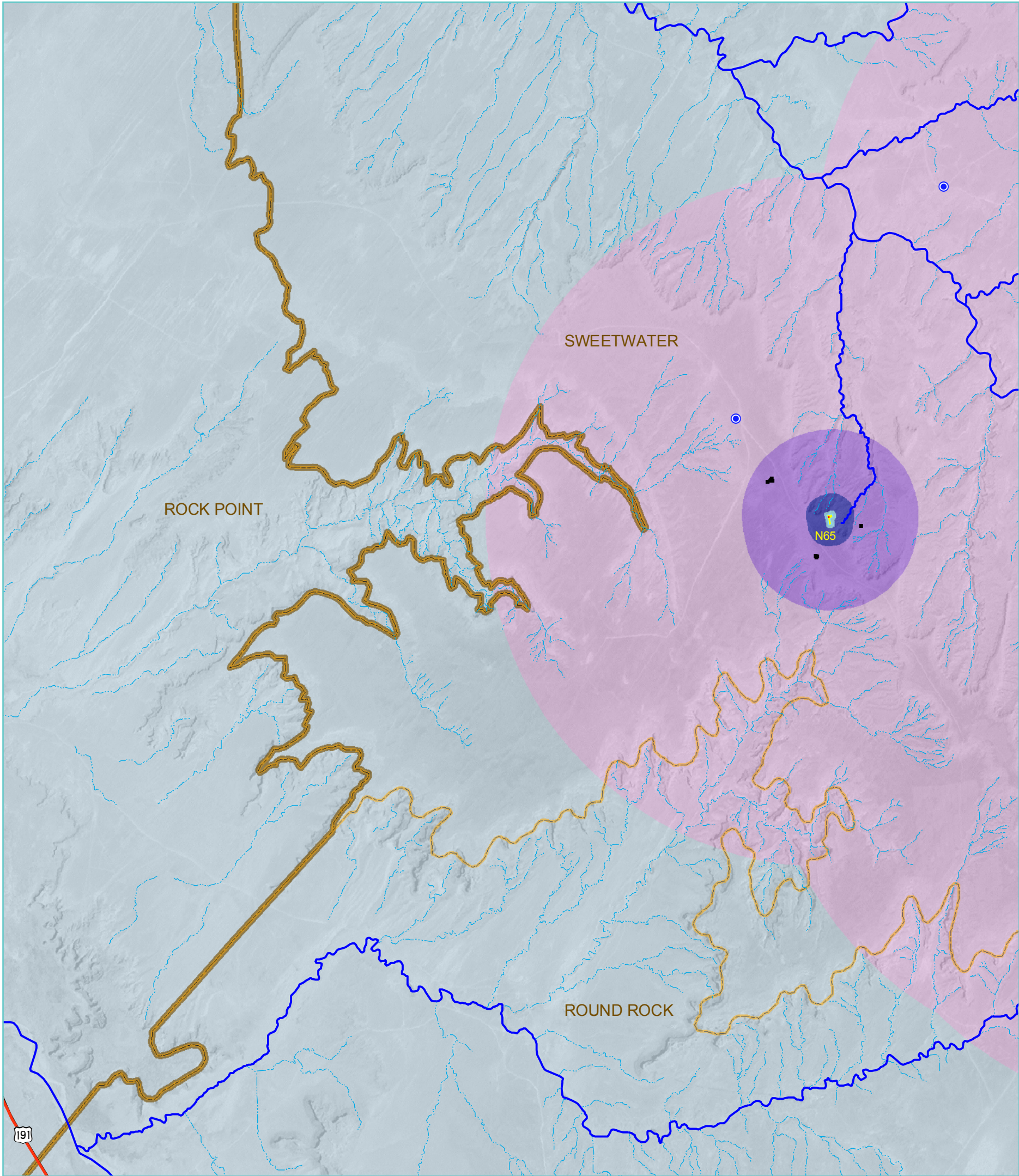


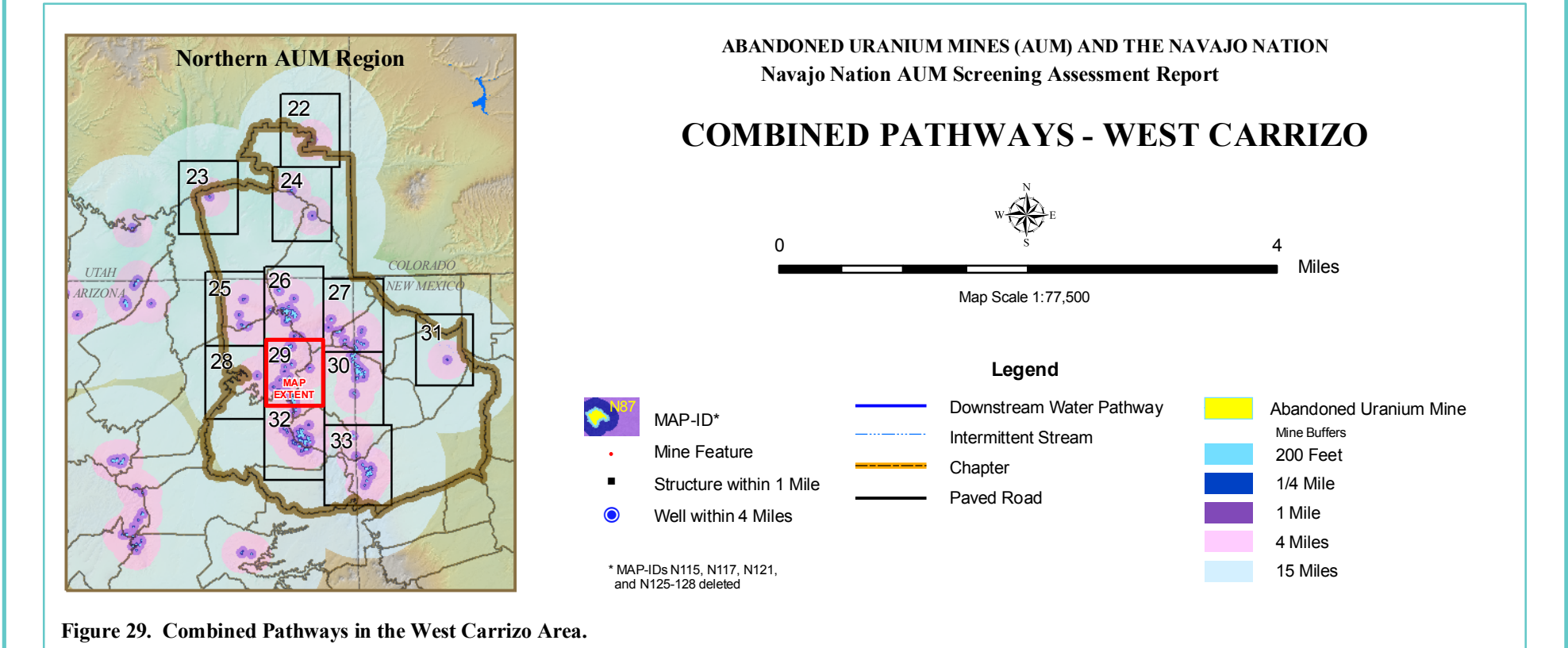
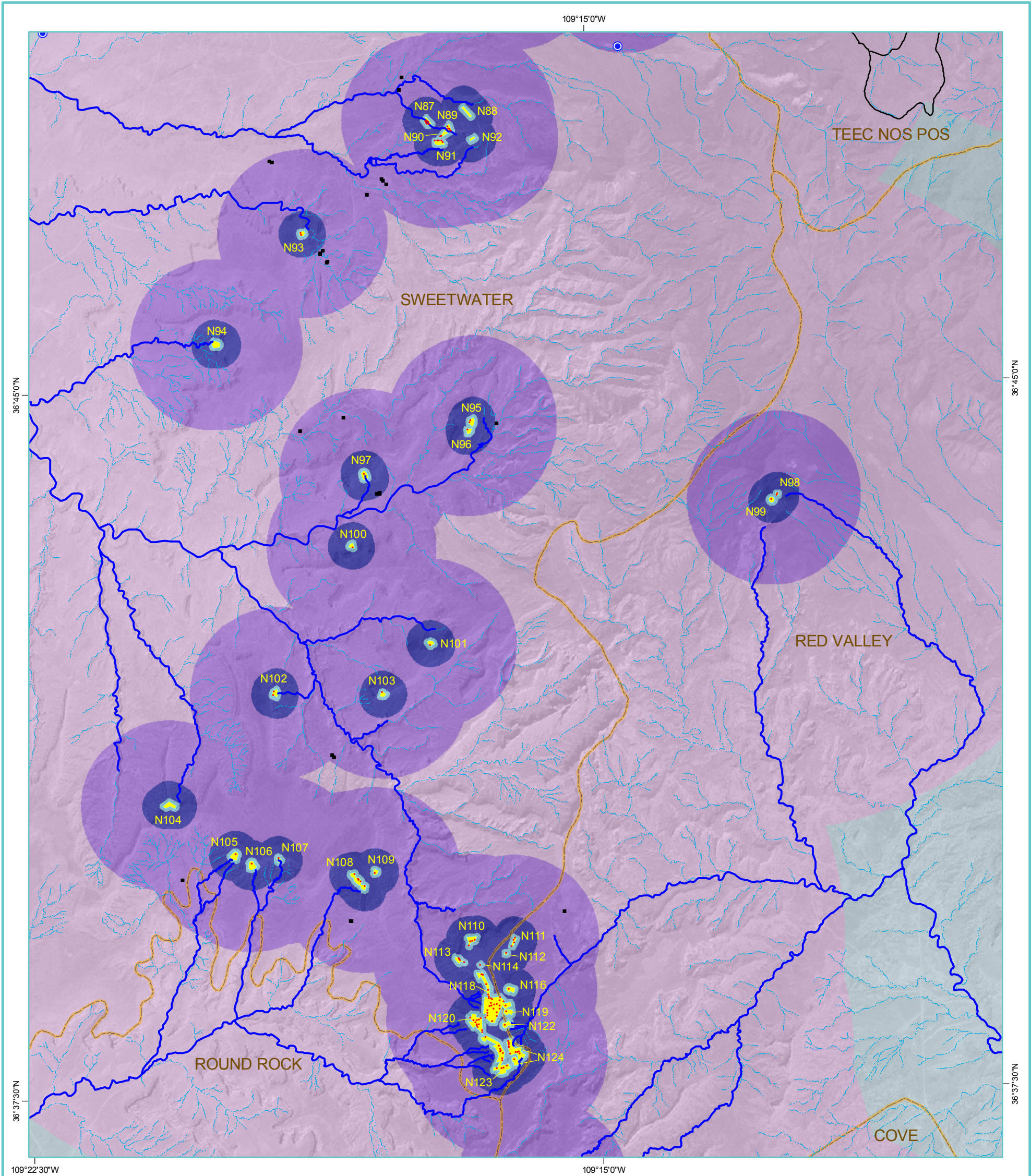
Figure 27. Combined Pathways in the Northeast Carrizo Area.





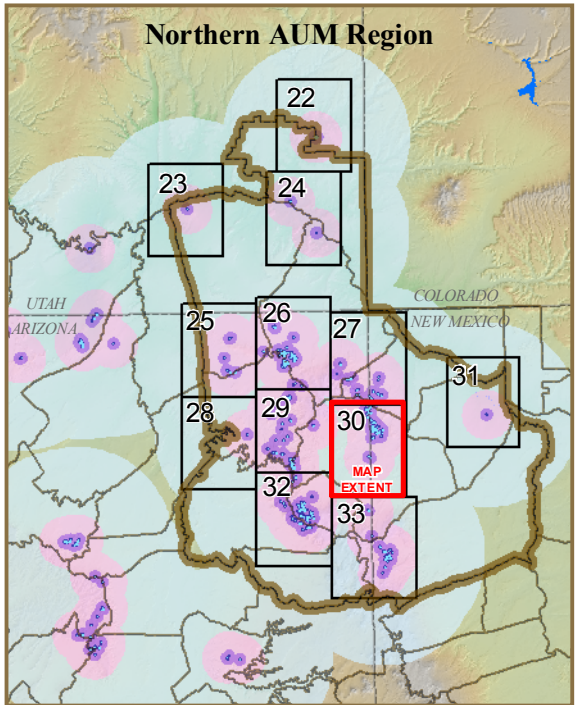
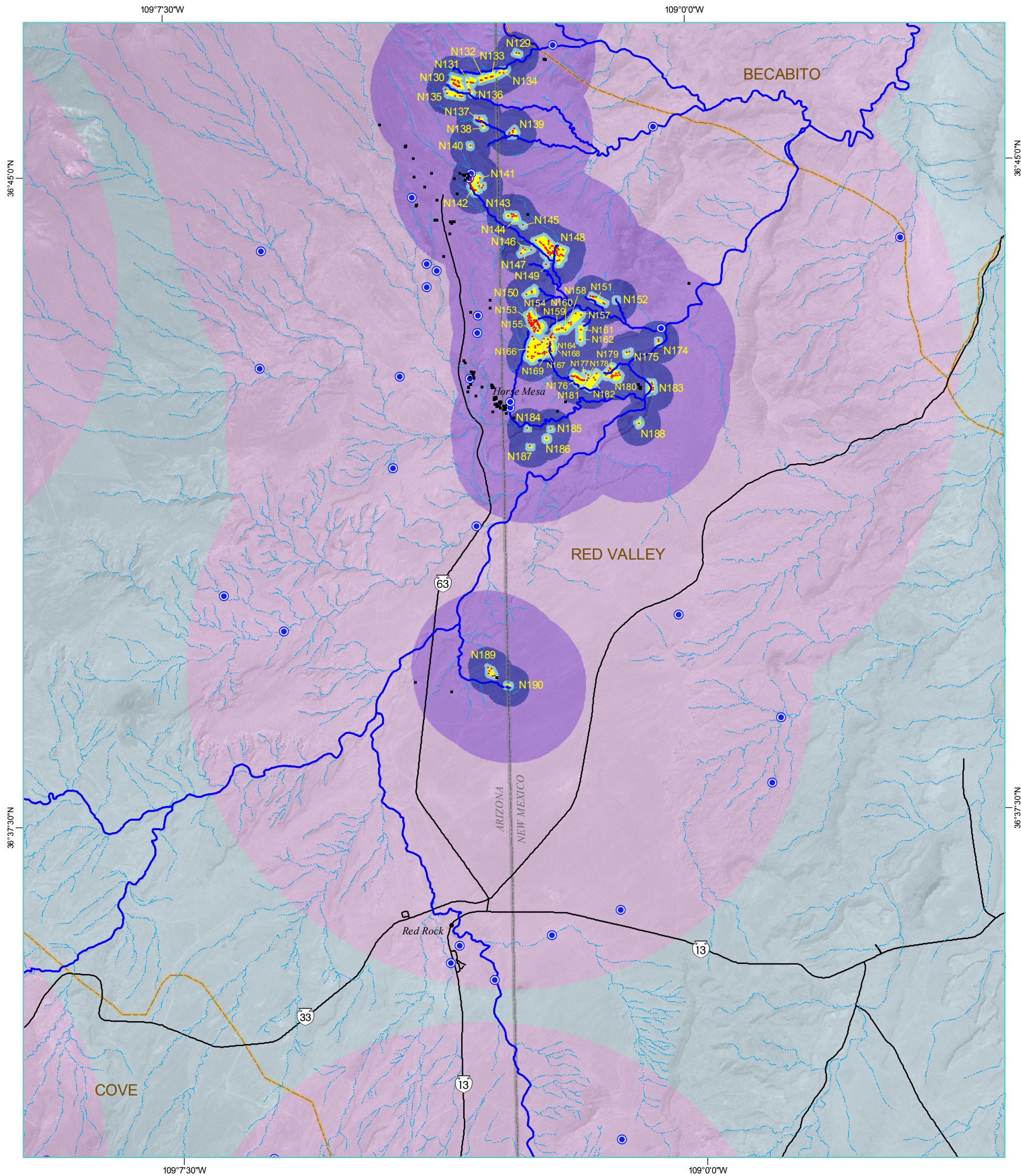
**Figure 28. Combined Pathways in the Southwest Sweetwater Area.**





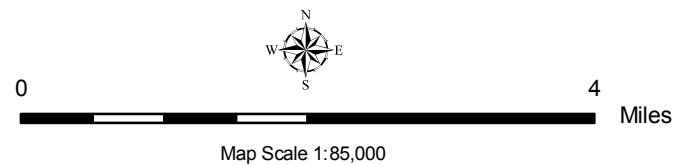
**Figure 29. Combined Pathways in the West Carrizo Area.**





ABANDONED URANIUM MINES AND THE NAVAJO NATION  
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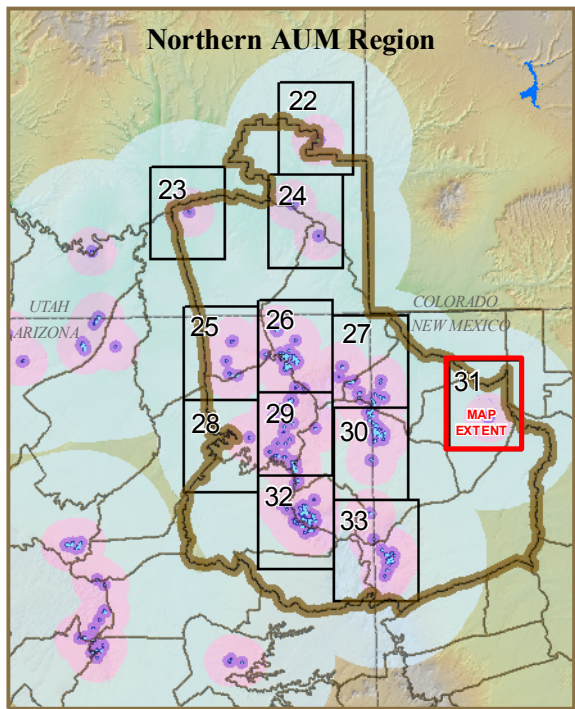
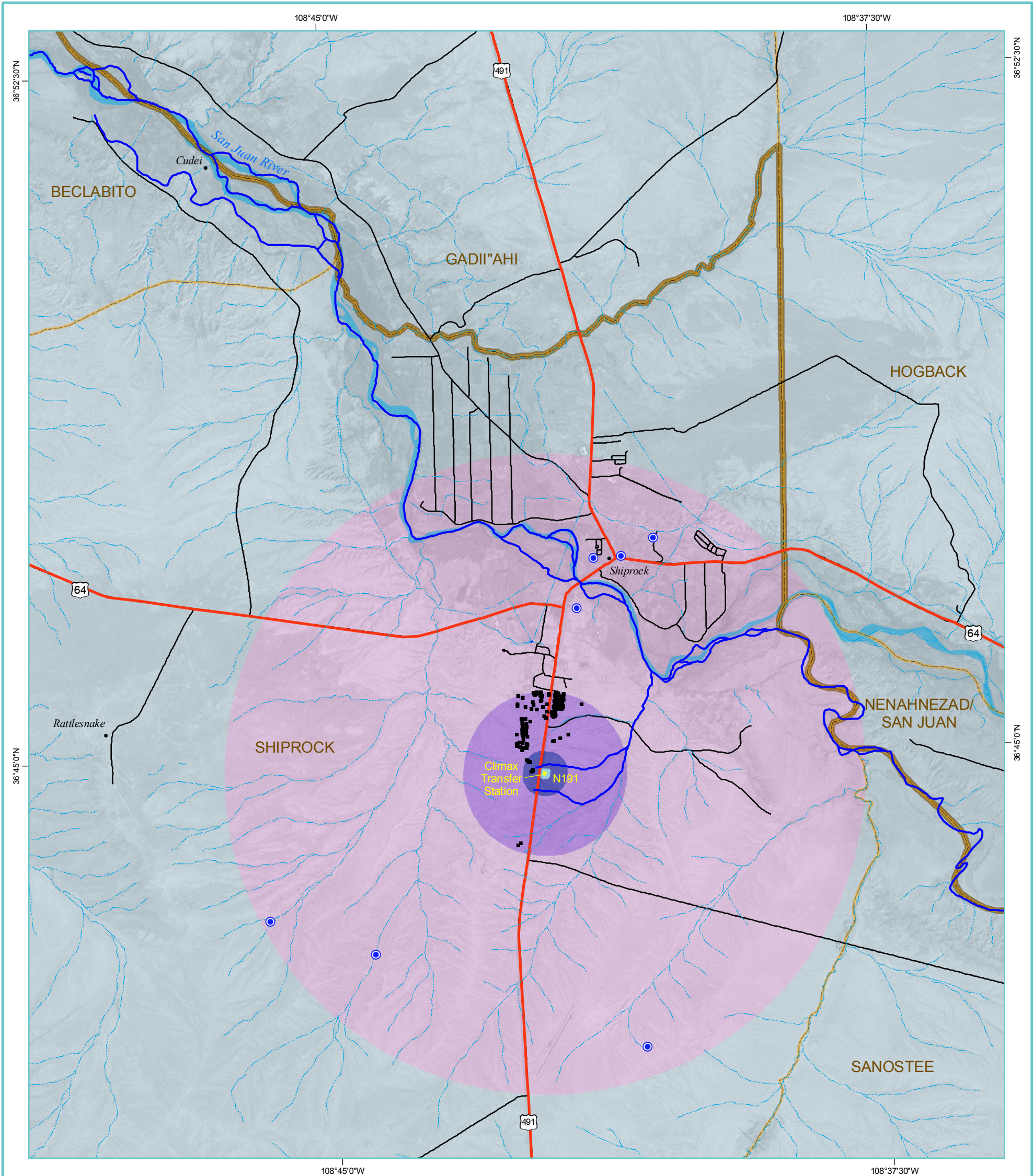
# COMBINED PATHWAYS - EAST CARRIZO



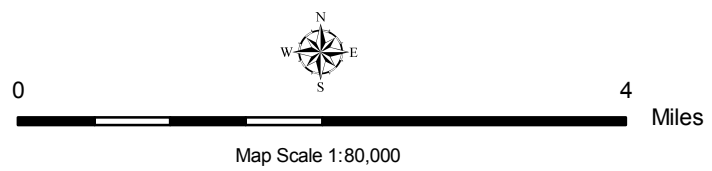
- Legend**
- MAP-ID\*
  - Mine Feature
  - Structure within 1 Mile
  - Well within 4 Miles
  - Downstream Water Pathway
  - Intermittent Stream
  - Chapter
  - Paved Road
  - Abandoned Uranium Mine
  - Mine Buffers
    - 200 Feet
    - 1/4 Mile
    - 1 Mile
    - 4 Miles
    - 15 Miles
- \* MAP-IDs N156, N163, N165, and N170-173 deleted

Figure 30. Combined Pathways in the East Carrizo Area.





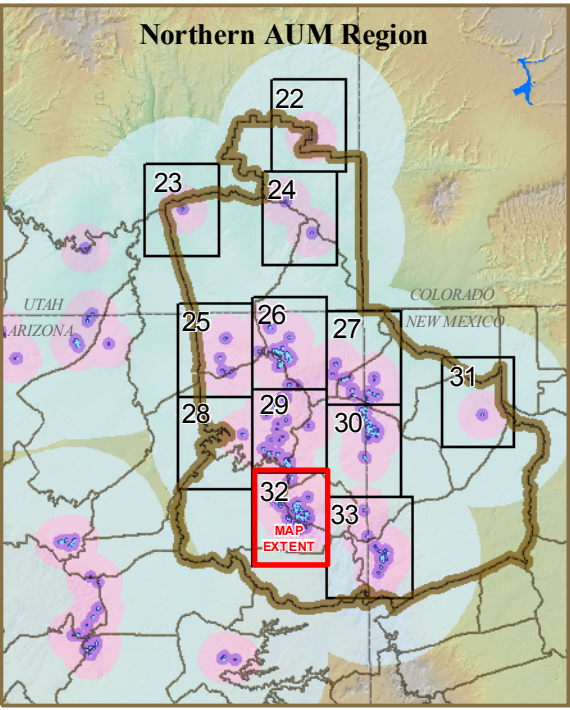
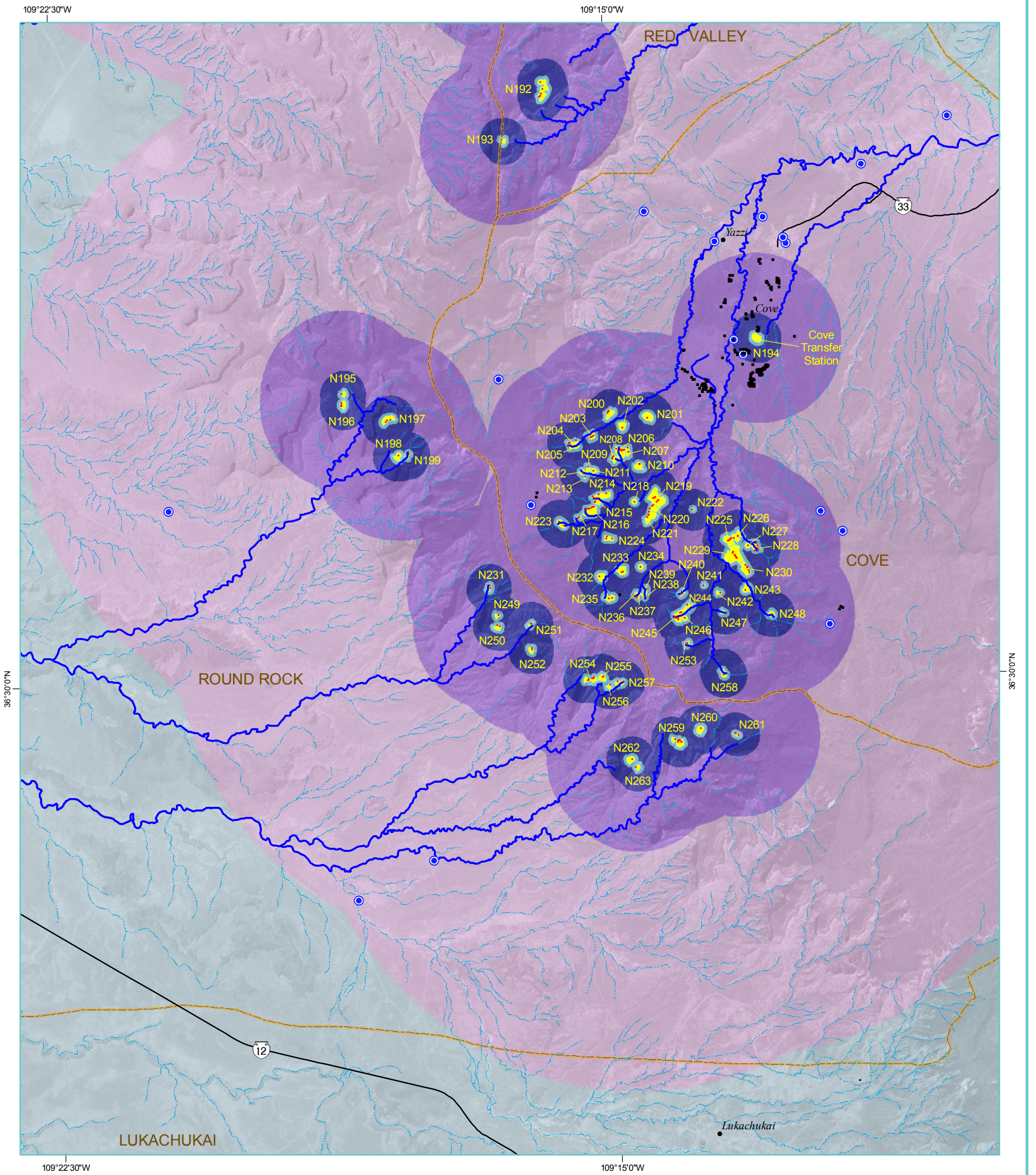
# ABANDONED URANIUM MINES AND THE NAVAJO NATION Navajo Nation AUM Screening Assessment Report COMBINED PATHWAYS - SHIPROCK



- Legend**
- MAP-ID
  - Mine Feature
  - Structure within 1 Mile
  - Well within 4 Miles
  - Downstream Water Pathway
  - Intermittent Stream
  - Northern AUM Region
  - Chapter
  - Highway
  - Paved Road
  - Abandoned Uranium Mine
  - Mine Buffers
  - 200 Feet
  - 1/4 Mile
  - 1 Mile
  - 4 Miles
  - 15 Miles

Figure 31. Combined Pathways in the Shiprock Area.





ABANDONED URANIUM MINES AND THE NAVAJO NATION  
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COMBINED PATHWAYS - LUKACHUKAI

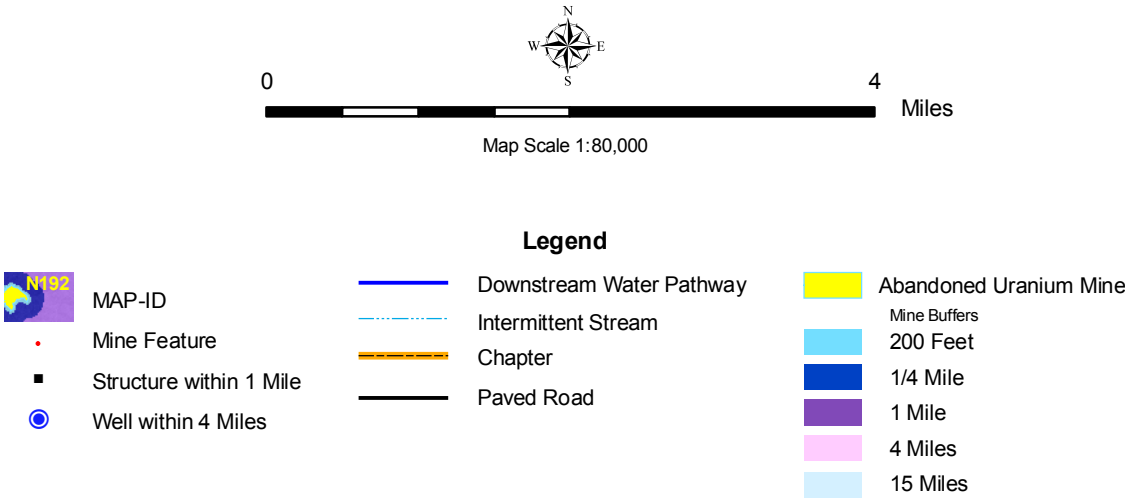
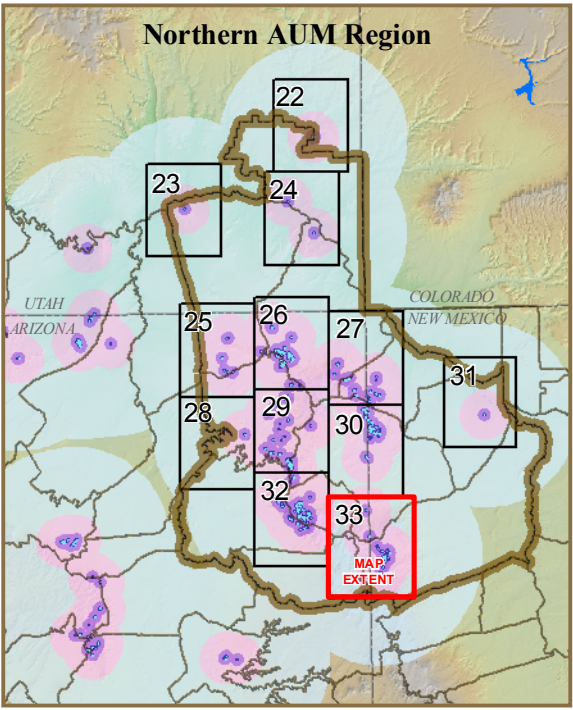
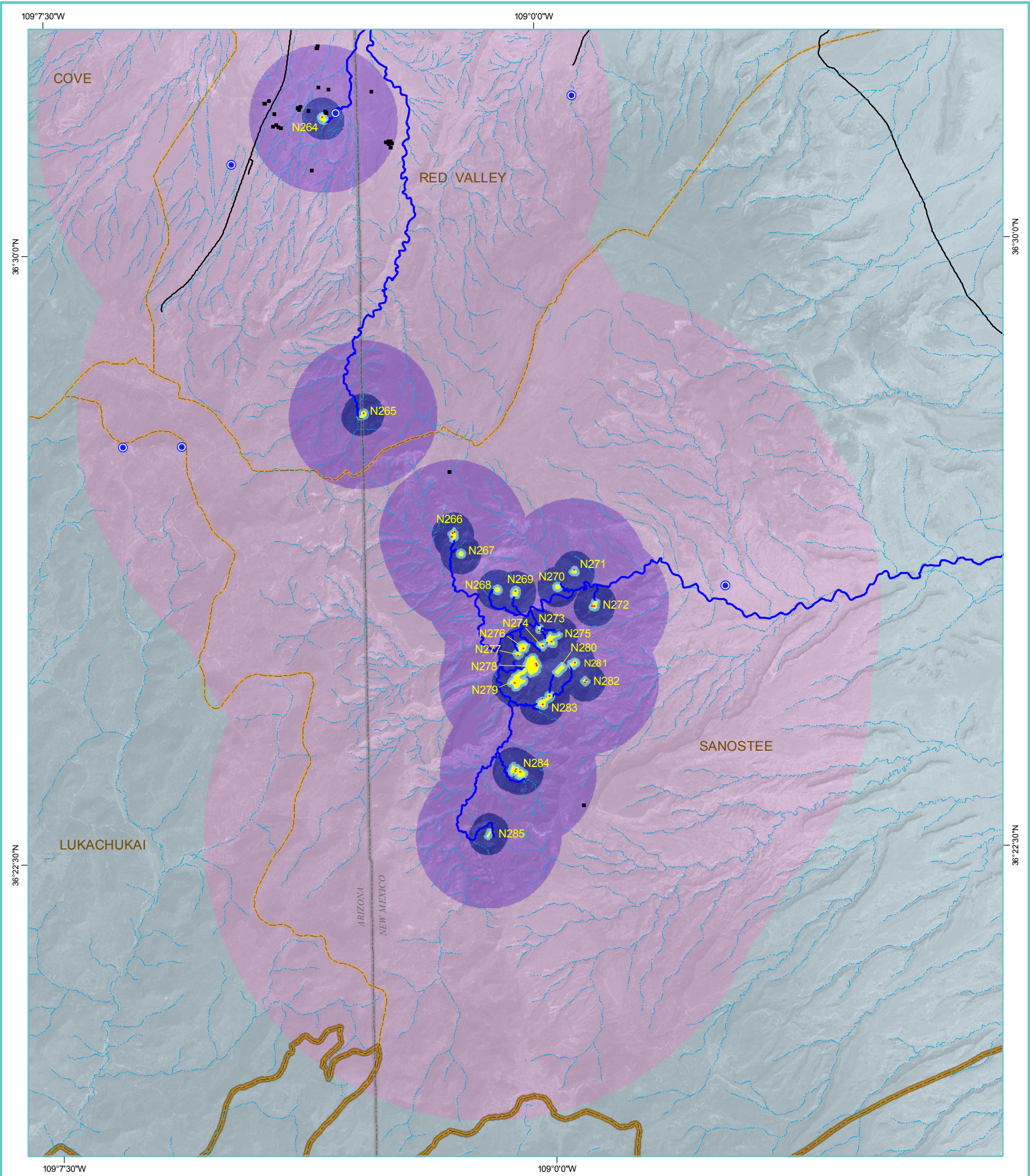


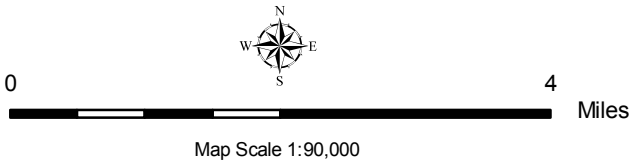
Figure 32. Combined Pathways in the Lukachukai Area.





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# COMBINED PATHWAYS - CHUSKA

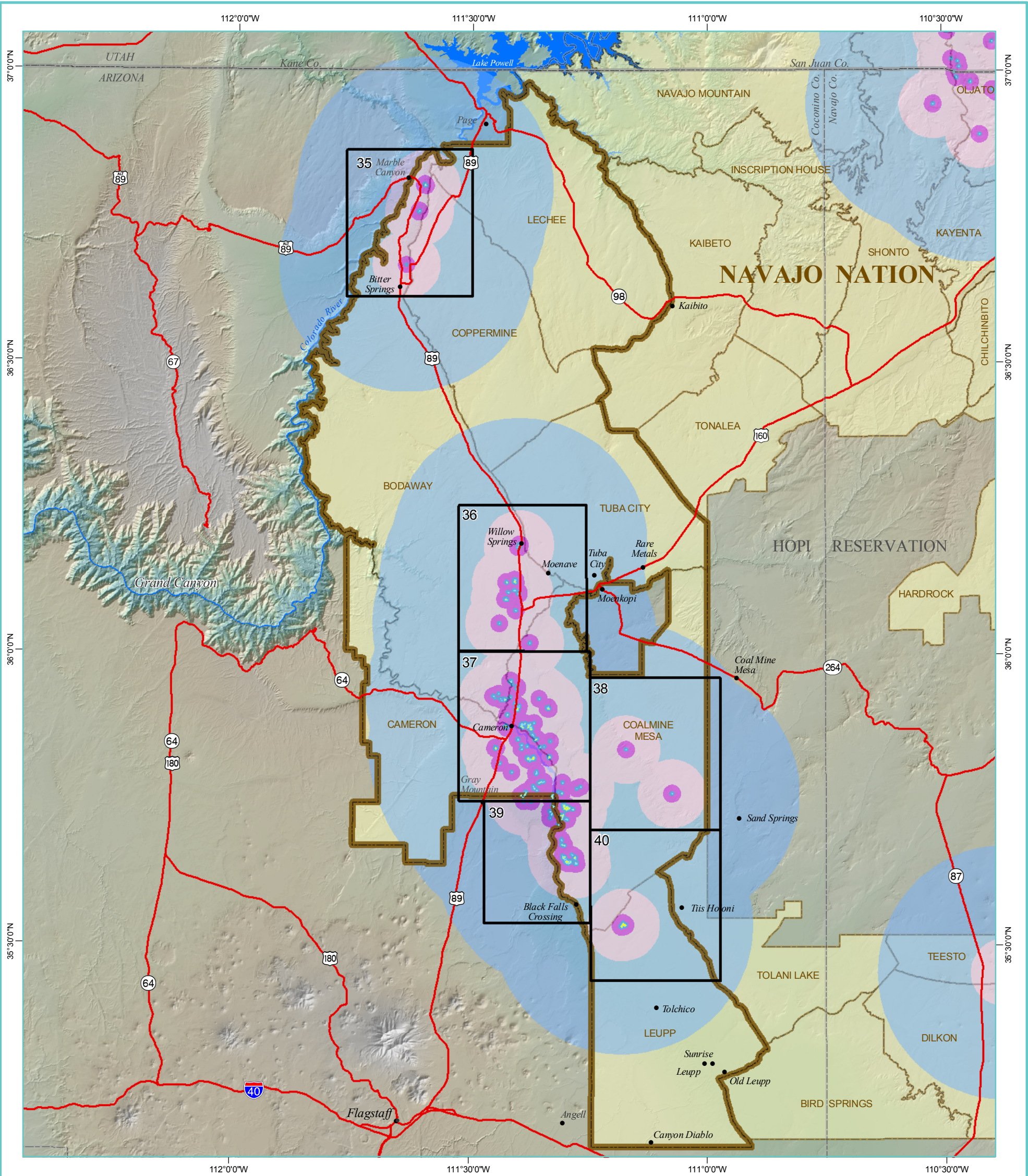


**Legend**

- |                         |                          |                        |
|-------------------------|--------------------------|------------------------|
| MAP-ID                  | Downstream Water Pathway | Abandoned Uranium Mine |
| Mine Feature            | Intermittent Stream      | Mine Buffers           |
| Structure within 1 Mile | Northern AUM Region      | 200 Feet               |
| Well within 4 Miles     | Chapter                  | 1/4 Mile               |
|                         | State                    | 1 Mile                 |
|                         | Paved Road               | 4 Miles                |
|                         |                          | 15 Miles               |

Figure 33. Combined Pathways in the Chuska Area.





ABANDONED URANIUM MINES AND THE NAVAJO NATION  
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WESTERN AUM REGION COMBINED PATHWAYS - MAP FIGURE INDEX

Sources

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Map Index Area Designations

- Figure
- 35 - Echo Cliffs
  - 36 - Southeastern Bodaway/Gap
  - 37 - Cameron
  - 38 - Adeii Eechii Cliffs
  - 39 - Southern Little Colorado
  - 40 - East Black Falls

Legend

-  Western AUM Region
-  Abandoned Uranium Mine
-  Mine Buffers
-  1/4 Mile
-  1 Mile
-  4 Miles
-  15 Miles
-  Populated Places
-  Highways

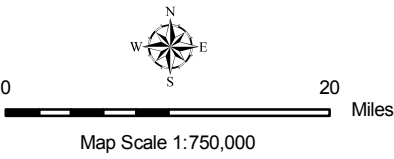
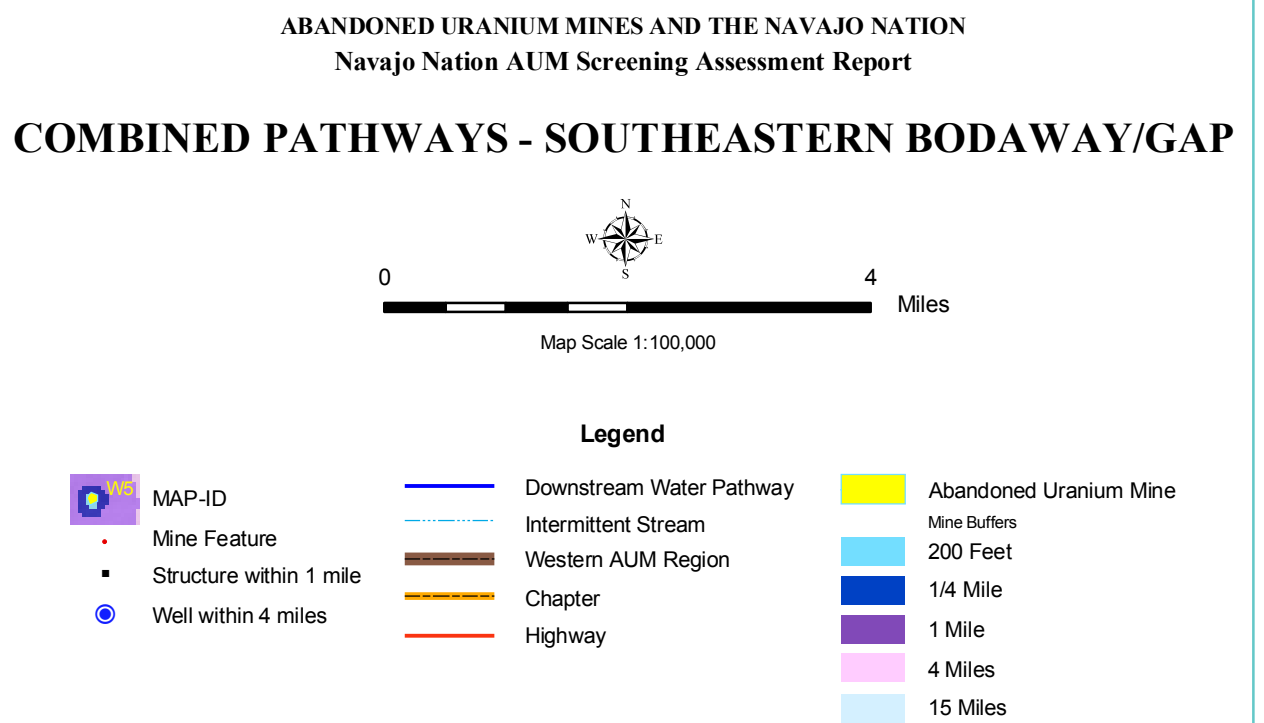
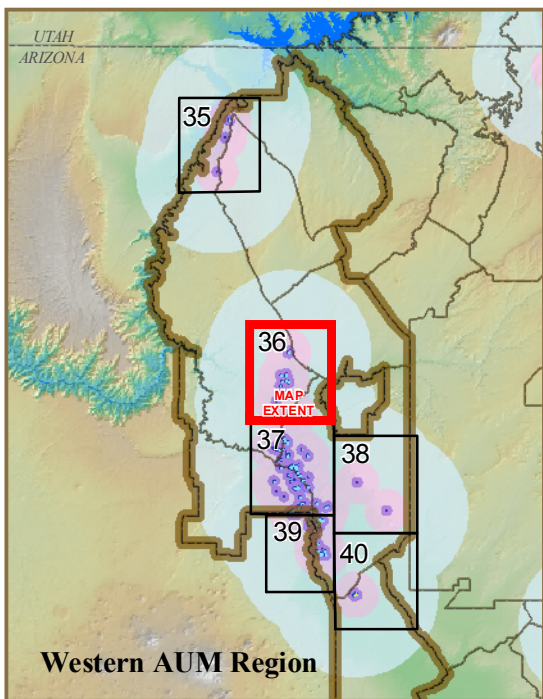
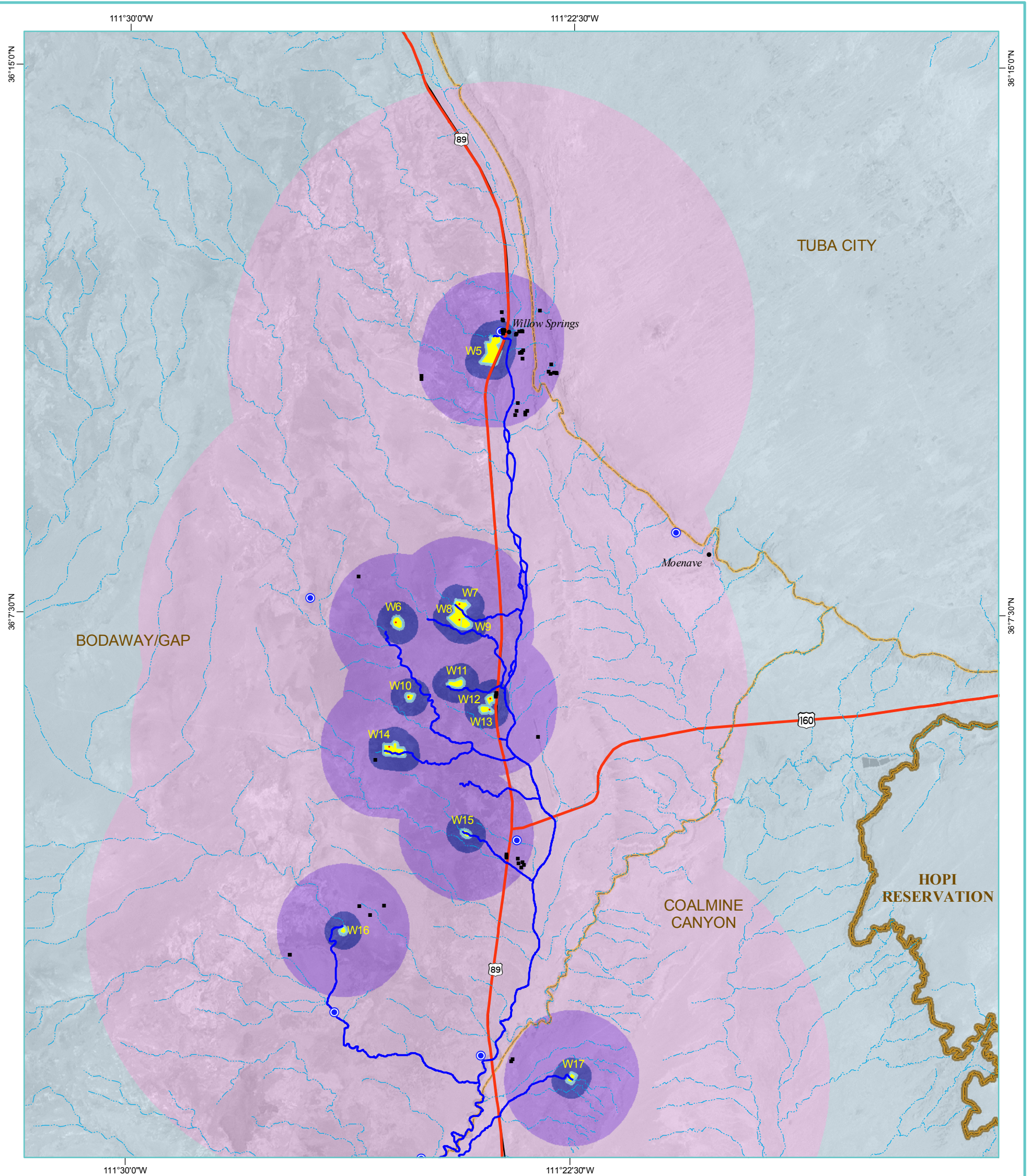


Figure 34. Western AUM Region Combined Pathways Map Figure Index.









**Figure 36. Combined Pathways in the Southeastern Bodaway/Gap Area.**